

UWB Chip Antenna

MODEL: CR801

P/N: H2UL6G1T2W0100



Features

- SMD Chip Antenna
- Frequency: 3500 ~ 8500 MHz
- Dimensions: 8.0 x 6.0 x 0.5mm
- RoHS 2.0 Compliant
- AEC-Q200 Compliant

Applications

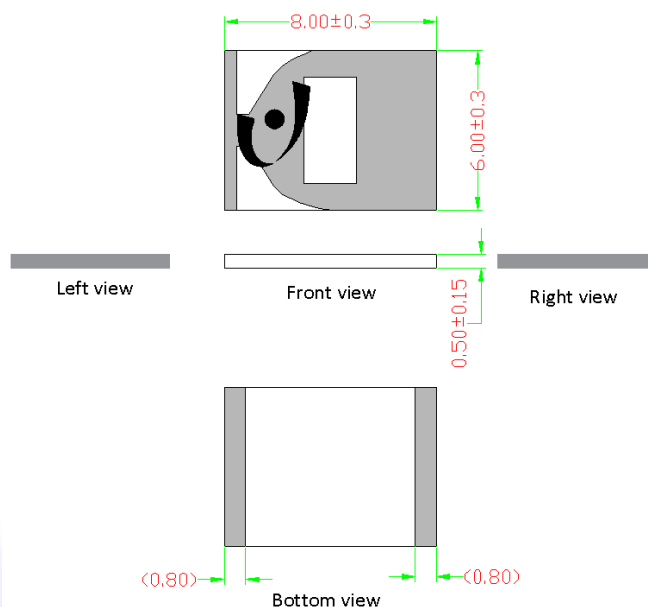
- Automotive sensors
- Ultra-wideband radios
- Precision surveying
- Remote controls
- Centimeter Level Positioning

Specifications

Items	Specifications
Frequencies (MHz)	3500 ~ 8500
VSWR	4.0 Max. (typical)
Efficiency (%)	60 (typical)
Average Gain (dB)	-2.2 (typical)
Peak Gain (dBi)	3.1 (typical)
Test Condition	32 x 14 mm ² (Evaluation board)
Impedance (Ω)	50
Polarization	Linear Polarization

Mechanical Specifications	
Dimensions (mm)	8 (L) x 6 (W) x 0.5 (H)
Material	Ceramic
Environmental Conditions	
Operation Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-5 ~ +40
Relative Humidity	10 ~ 70 %

Mechanical Dimensions (unit : mm)



***This specification is subject to change without prior notice**